

# DART SERVICE INSTRUCTION

TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT  
AND ICA-D139-816 REV. 3 OR SUBSEQUENT

REF. TCCA STC: SH12-54

REF. FAA STC: SR03251NY

REF. EASA STC: 10045158

## 1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions to install D5078-1 Brackets to support the Overhead Connectors for D139-816-011 Interior Ceiling Panel Kit.

## 2.0 PROCEDURE

This procedure is added after step 3.1.39 of IIN-D139-816 Rev. D.

- 2.1 Position D5078-1 Brackets on the RH and/or LH side of the cabin overhead by temporarily removing 2x MS27039-1 screws as shown in Figure 1. Transfer 2x  $\varnothing 0.204$ " (#6 drill) holes from the airframe to the D5078-1 Brackets. Deburr and touch-up holes with MIL-P-85582 or MIL-P-23377 primer. △ B
- 2.2 Install D5078-1 Brackets using existing 2x MS27039-1 screws and washers as shown in Figure 1.
- 2.3 Install overhead cannon plug in the D5078-1 Brackets using existing NAS1801/1802 screws and existing AS85049/95-20A-A Perimeter Mounting Flange as shown in Figure 2.
- 2.4 Reconnect wire harness to overhead cannon plug as shown in Figure 2.

## 4.0 WEIGHT & BALANCE

This DSI has a negligible effect on Weight & Balance.

## 5.0 PARTS LIST

D5078-1 Brackets have been added to D139-816-011 Kits at CHG 005 and later. Customers who wish to obtain D5078-1 Brackets for a kit that has already been installed can procure the DSI 9691-011 kit from Dart as outlined below. △

QTY. -011	PART NUMBER	DESCRIPTION
X	DSI 9691-011	BRACKET KIT
2	D5078-1	BRACKET

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

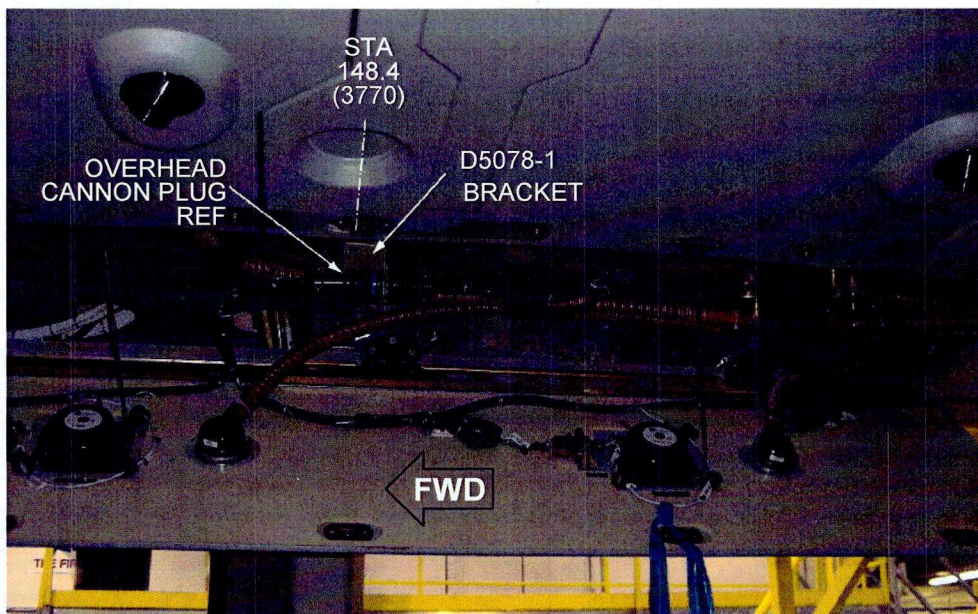
BY:   
D. SHEPHERD (DE # 02)

DATE: 19.06.20  
CERT. NO.: SH12-54  
ISSUE NO.: 1

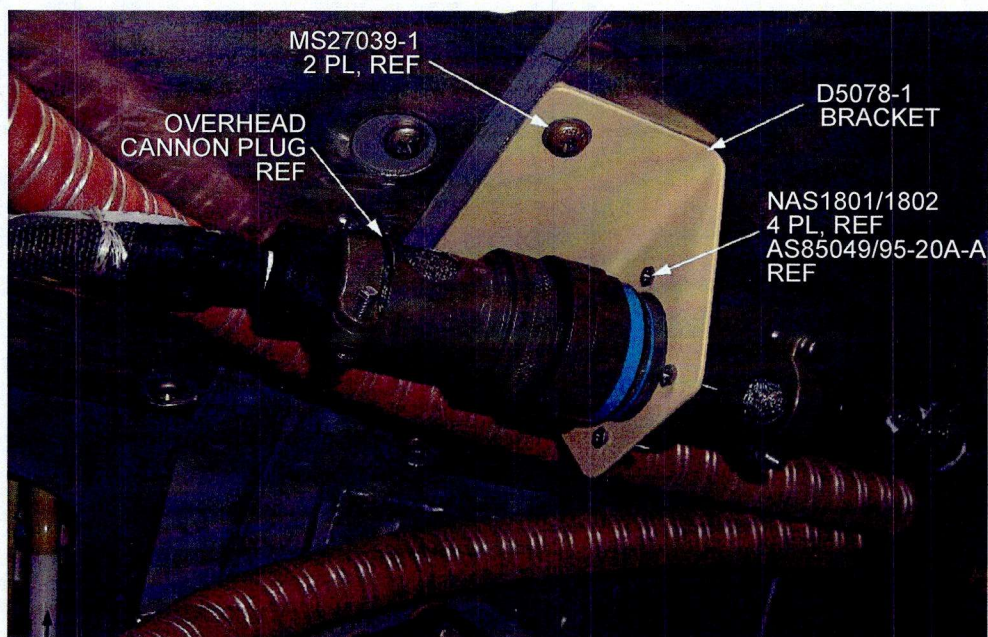
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B	UPDATE INSTRUCTION TO INCLUDE LH AND RH REFERENCES. REF CAR19-322	PM	19.06.20
A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9691	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	BRACKET INSTALLATION	NTS
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**Figure 1. - RH Side Overhead Panel (shown)  
(LH side opposite)** B



**Figure 2. - D5078-1 Bracket Installation  
(RH side shown, LH side opposite)** B

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	DRAWN	PM		
	CHECKED	RF	DRAWING NO.	REV. B
	MFG. APPR.	N/A	<b>DSI 9691</b>	SHEET 2 OF 2
	APPROVED	VS	TITLE	SCALE
	DE APPR.	DS	<b>BRACKET INSTALLATION</b>	NTS
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